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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 10

Complete if Known	
Application Number	10/684,730
Filing Date	October 14, 2003
First Named Inventor	Shalini Sharma
Art Unit	1624
Examiner Name	Sudhaker Patel
Attorney Docket Number	18015-D5

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number - Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 4,845,231	07-04-1989	Kees	
		US- 5,948,803	09-07-1999	Maeda, et al.	
		US- 5817693 (abstract)			
		US-4011321 (abstract)			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3] - Number[4] - Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
		WO 02/59077 (abstract)				
		WO 02/14291 (abstract)				
		WO 02/02119 (abstract)				
		WO 01/81340 (abstract)				
		BR 9802163 (abstract)				
		JP 01/181281 (abstract)				
		WO 00/23409 (abstract)				
		WO 99/62520 (abstract)				
		WO 98/25608 (abstract)				
		JP 10130241 (abstract)				

Examiner Signature		Date Considered	6/18/04

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[1] Applicant's unique citation designation number (optional). [2] See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

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Sheet 2 of 10

Complete if Known	
Application Number	10/684,730
Filing Date	October 14, 2003
First Named Inventor	Shalini Sharma
Art Unit	1624
Examiner Name	Sudhaker Patel
Attorney Docket Number	18015-D5

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		WO 98/08836 (abstract)				
		WO 95/13262 (abstract)				
		WO 94/27993 (abstract)				
		WO 93/08799 (abstract)				
		JP 04159266 (abstract)				
		EP 407891 (abstract)				
		EP 393400 (abstract)				
		JP 01063570 (abstract)				
		WO 88/08418 (abstract)				
		EP 288190 (abstract)				

Examiner Signature		Date Considered	6/18/04

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Sheet 3 of 10

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Application Number	10/684,730
Filing Date	October 14, 2003
First Named Inventor	Shalini Sharma
Art Unit	1624
Examiner Name	Sudhaker Patel
Attorney Docket Number	18015-D5

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		JP 61040270 (abstract)				
		JP 55015460 (abstract)				
		GB 1488330 (abstract)				
		JP 52025734 (abstract)				
		DE 2527066 (abstract)				
		DE 2459468 (abstract)				
		FR 2191887 (abstract)				
		JP 47025149 (abstract)				
		JP 56115747 (abstract)				
		DE 3012012 (abstract)				

Examiner Signature		Date Considered	8/18/04

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Sheet 4 of 10

Complete if Known	
Application Number	10/684,730
Filing Date	October 14, 2003
First Named Inventor	Shalini Sharma
Art Unit	1624
Examiner Name	Sudhaker Patel
Attorney Docket Number	18015-D5

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XO		JP 50014653 (abstract)				
		DE 2512673 (abstract)				
		DE 1929165 (abstract)				
		ZA 6705655 (abstract)				
		WO 97/30017	08-21-1997	Shinkai, et al.		
		WO 98/07681	02-26-1998	Moinet, et al.		
		WO 99/62520	12-09-1999	Young, et al.		
XO		EP 71399	02-09-1983	Tsung, et al.		
		WO 92/12123	07-23-1992	Schirlin, et al.		
		WO 00/63161	10-26-2000	Kolb, et al.		

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Sheet 5 of 10

Complete if Known	
Application Number	10/684,730
Filing Date	October 14, 2003
First Named Inventor	Shalini Sharma
Group Art Unit	1624
Examiner Name	Sudhaker Patel
Attorney Docket Number	18015-D5

NON PATENT PUBLICATIONS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]
		Karche, et al., "Electronic Effects in Migratory Groups...", Journal of Organic Chemistry, Vol. 66, No. 19, pages 6323-6332, 2001. (Abstract)	
		Poupardin, et al.,"First approach to the cycloisodityrosine unit of RA-IV", Tetrahedron Letters, Vol. 42, No. 8, pages 1523-1526, 2001. (Abstract)	
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		Wu, et al., "Improvement on the preparation of .beta.-keto esters", Huaxue Shiji, Vol. 20, No. 6, pages 376-377, 1998. (Abstract)	
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		Rao, et al., "Studies on cyclodepsipeptides. Part II. The total synthesis of jaspamide and geodiamolide-D", Tetrahedron Letters, Vol. 34, No. 44, pages 7085-7088, 1993. (Abstract)	

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Sheet 6 of 10

Complete if Known	
Application Number	10/684,730
Filing Date	October 14, 2003
First Named Inventor	Shalini Sharma
Group Art Unit	1624
Examiner Name	Sudhaker Patel
Attorney Docket Number	18015-D5

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		Colotta, et al., "Tricyclic heteroaromatic systems...", Farmaco, Vol. 46, No. 10, pages 1139-1154, 1991. (Abstract)	
		Dillard, et al., "(Phenylmethoxy) phenyl derivatives of w-oxo- and w-tetrazolylalkanoic acids...", J. Med. Chem., Vol. 34, No. 9, pages 2768-2778, 1991. (Abstract)	
		Bose, et al., "Synthesis of 4-phenylcoumarins from Dalbergia volubilis and Exostema caribaeum", Phytochemistry, Vol. 30, No. 7, pages 2438-2439, 1991. (Abstract)	
		Bose, et al., "Synthesis of 4-phenylcoumarins", Indian J. Chem., Sect. B, Vol. 29B, No. 5. pages 422-444, 1990. (Abstract)	
		Colotta, et al., "Tricyclic heteroaromatic systems...", J. Med. Chem., Vol. 33, No. 9, pages 2646-2651, 1990. (Abstract)	
		Kameo, et al., "Studies on hypolipidemic agents, IV. 3-[4-(Phenylthio) benzoyl] propionic acid derivatives", Chem. Pharm. Bull., Vol. 37, No. 5, pages 1260-1267, 1989. (Abstract)	
		Colotta, et al., "Tricyclic heteroaromatic systems: synthesis..." J. Pharm. Sci., Vol. 78, No. 3, pages 239-242, 1989. (Abstract)	
		Tanaka, et al., "Total synthesis of coumarinolignans, aquillochin (cleomiscosin C) and cleomiscosin D", Chem. Pharm. Bull., Vol. 36, No. 10, pages 3833-3837, 1988. (Abstract)	
		Parmar, et al., "Synthesis of new naturally occurring 4-phenyl-2H-1-benzopyran-2-ones", Bull. Chem. Soc. Jpn., Vol. 61, No. 6, pages 2277-2279, 1988. (Abstract)	
		Colotta, et al., "The correct synthesis of 2,3-dihydro-2-aryl-4-R-[1] benzopyrano [4,3-c] pyrazole-3-ones", Tetrahedron Letters, Vol. 28, No. 43, pages 5165-5168, 1987. (Abstract)	
		Tanaka, et al., "Total synthesis of daphneticin, a coumarinolignoid", Chem. Pharm. Bull., Vol. 34, No. 2 pages 628-632, 1986. (Abstract)	

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Sheet 7 of 10

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Application Number	10/684,730
Filing Date	October 14, 2003
First Named Inventor	Shalini Sharma
Group Art Unit	1624
Examiner Name	Sudhaker Patel
Attorney Docket Number	18015-D5

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		Ahluwalia, et al., "Synthesis of stevenin and melanettin", Symp. Pap.- IUPAC Int. Symp. Chem. Nat. Prod., 11th, Volume 3, pages 11-13, 1978. (Abstract)	
		Yamaguchi, "Degradation of protolignin with metallic sodium in liquid ammonia", Ringyo Shikenjo Kenkyu Hokoku, Vol 281, pages 1-78, 1976. (Abstract)	
		Okumura, et al., "Synthesis of chromone-3-carboxanilides", Chem. Pharm. Bull., Vol 22, No. 2, pages 331-336, 1974. (Abstract)	
		Von Wacek, et al., "Synthesis of methoxylated compounds for a comparative investigation of the stability of methyl ether groups", Monatsh. Chem, Vol. 97, No. 3, pages 744-753, 1966. (Abstract)	
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		Wong, et al., "Wedelolactone and coumestan derivatives as new antihepatotoxic and antiphlogistic principles", Arzneim.-Forsch., Vol. 38, No. 5, pages 661-665, 1988. (Abstract)	
		Witiak, et al., "Synthetic aci-reductiones. 3,4-Dihydroxy-2H-1-benzopyran-2-ones and their cis- and trans-4a, 5,6,7,8,8a-hexahydro diastereomers", J. Med. Chem., Vol. 31, No. 7, pages 1437-1445, 1988. (Abstract)	
		Entzeroth, et al., "Preparation of 3- (3-indolyl) Lactic acids...", Liebigs Ann. Chem., No. 2, pages 226-230, 1983. (Abstract)	
		Bhakuni, et al., Biosynthesis of tylophorine and tylophorinine", Tetrahedron, Vol. 37, No. 2, pages 401-407, 1981. (Abstract)	
		Naidu, et al., "Debenzylation by nickel-aluminum alloy", J. Indian Inst. Sci., Vol. 62, No. 10, pages 177-180, 1980. (Abstract)	
		Oka, et al., "Syntheses of N-heterocyclic compounds. XXVI. Syntheses of pyrido [3,4-d] pyridazine derivatives", Chem. Pharm. Bull., Vol. 23, No. 10, pages 2306-2317, 1975. (Abstract)	

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		Saunders, et al., "Syntheses of carbon-14-labeled prizidilol dihydrochloride", J. Labelled Compd. Radiopharm., Vol. 22, No. 9, pages 869-881, 1985. (Abstract)	
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Examiner Signature		Date Considered	6/18/04

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 9 of 10

Complete if Known	
Application Number	10/684,730
Filing Date	October 14, 2003
First Named Inventor	Shalini Sharma
Group Art Unit	1624
Examiner Name	Sudhaker Patel
Attorney Docket Number	18015-D5

NON PATENT PUBLICATIONS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]
		Liu, et al., "The New Antidiabetic Drug MCC-555 Acutely Sensitizes Insulin Signaling in Isolated Cardiomyocytes", Endocrinology, Vol 139, No. 11, pages 4531-4539, (1998).	
		Kees, et al., "Perfluoro-N-[4-(1 H-tetrazol-5-ylmethyl) Phenyl]-alkanamides. A New Class of Oral Antidiabetic Agents", Journal of Medicinal Chemistry, Vol. 32, pages 11-13, (1989).	
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		Abstract 568-P, Lu, et al., "A Novel Antidiabetic Agent That Is a Selective PPAR Modulator", Diabetes, Abstract Book 62nd Scientific Sessions, Vol 51, Suppl. 2., page A141, June 2002.	
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		Poster #560, Hodge, et al., "PN2022: Antidiabetic Efficacy and Reversal of Steatohepatitis in ob/ob Mice." Presentation at the 62nd Scientific Sessions, Meeting of the American Diabetes Association on June 14- 18, 2002 and corresponding to Abstract 560-P.	
		Poster #561, Hodge, et al., "PN2034: Orally Active Antidiabetic Agent with a Unique Spectrum of Activity and Enhanced Safety Profile", Presentation given at the 62nd Scientific Sessions, Meeting of the American Diabetes Association on June 14-18, 2002 and corresponding to Abstract 560-P.	
		Poster #568, Lu, et al., "PN2034-A Novel Antidiabetic Agent That Is a Selective PPAR Modulator", Presentation given at the 62nd Scientific Sessions, Meeting of the American Diabetes Association on June 14-18, 2002 and corresponding to Abstract 568-P.	
		Poster #586, von Borstel, et al., "PN2034: Reversal of Insulin Resistance and Attenuation of Weight Gain in Mice on a High-Fat Diet", Presentation given at the 62nd Scientific Sessions, Meeting of the American Diabetes Association on June 14-18, 2002 and corresponding to Abstract 586-P.	

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First Named Inventor	Shalini Sharma
Group Art Unit	1624
Examiner Name	Sudhaker Patel
Attorney Docket Number	18015-D5

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		Owada, et al., "Improved synthesis of tricin", Nippon Kagaku Zasshi, Vol. 91, No. 10, pages 1002-1003, 1970. (Abstract).	
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		Chemical Abstract DN 132:22755, also cited as WO99/62520.	
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